

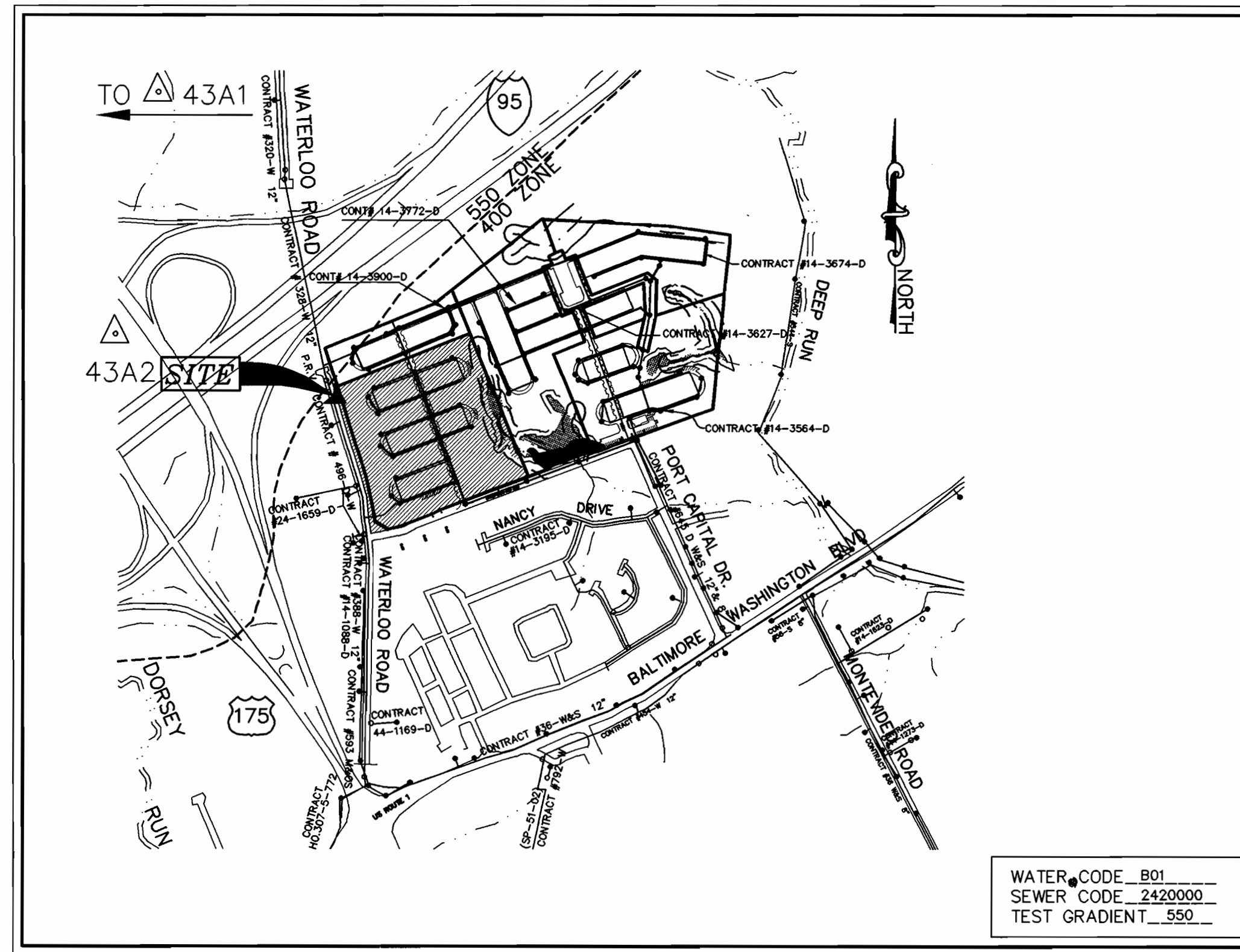
QUANTITY TABLE

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
STANDARD MH	16			
DROP MH, TYPE "B"	6			
8" SEWER MAIN	4412 L.F.			
4" SEWER HOUSE CONNECTION	200 L.F.			
6" SEWER HOUSE CONNECTION	390 L.F.			
# SHC	117			
8" WATER MAIN	1277 L.F.			
6" WATER MAIN	1860 L.F.			
1" WHC	210 L.F.			
1 1/2" WHC	390 L.F.			
# WHC	117			
F.H.	3			
8"x6" T	5			
8"x8" T	1			
8" V	5			
6" V	12			
8"x8" CROSS	4			
8" CAP & BUTTRESS	1			
8"x12" TS & V	1			
1/16 HB	1			
1/32 HB	1			
1/8 HB	18			
SURVEY AND DRAFTING DIVISION AS-BUILT DATE				
NAME OF UTILITY CONTRACTOR:				

PLAN REFERENCE NUMBERS

SDP-97-115	SDP-96-20
SDP-97-114	SDP-01-121
SDP-97-03	

EROSION AND SEDIMENT CONTROL FOR THIS CONTRACT IS PROVIDED UNDER SDP-01-121



VICINITY MAP
SCALE: 1" = 600'

TYPE OF BUILDING	RESIDENTIAL
No. OF UNITS	111
No. OF FUTURE UNITS	6
No. OF WATER HOUSE CONNECTIONS	117
No. OF SEWER HOUSE CONNECTIONS	117
DRAINAGE AREA	DEEP RUN, PATAPSCO
TREATMENT PLANT	DEEP RUN WASTEWATER TREATMENT PLANT, BALTIMORE

WATER CODE_B01
SEWER CODE_2420000
TEST GRADIENT_550

GENERAL NOTES

- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES. [NORTH AMERICAN DATUM OF 1983 (NAD '83)]
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL REQUIRED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAIL FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL [Symbol] AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OF CONDUITS AT HIS OWN EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

AT & T	(410) 865-3803
BG & E CO. CONTRACTOR SERVICES	(410) 850-4620
BG & E CO. UNDERGROUND DAMAGE CONTROL	(410) 787-9068
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
BUREAU OF UTILITIES (DPW)	(410) 313-4900
MSS UTILITY	1-800-257-7777
COLONIAL PIPELINE CO.	(410) 995-1390
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114 (a) OF THE HOWARD COUNTY CODE.
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2" COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
- SPRINKLER SYSTEM FOR ALL TOWNHOMES OR MULTI-FAMILY DWELLING UNITS SHOULD HAVE A MINIMUM OF 1" CONNECTION WITH A 3/4" METER.
- ALL SEWER MAINS SHALL BE P.V.C. OR D.I.P. UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1' - 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.
- ALL STATIONING SHOWN IS WATER MAIN STATIONING.
- HOWARD COUNTY MAINTENANCE RESPONSIBILITIES END AT CLENOUTS AND BALL VALVE LOCATIONS.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
- EXISTING WATER AND SEWER EASEMENT ADJACENT TO PORT CAPITOL DRIVE IS RECORDED UNDER LIBER 727/FOLIO 098.
- SEDIMENT CONTROL APPROVED UNDER SDP-96-20.
- ALL ROADWAYS ARE STD. HOWARD COUNTY P-2 PAVEMENT UNLESS OTHERWISE SHOWN.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 43A1 AND 43A2.

STATION 43A2	NORTHING 550784.342654	STATION 43A1	NORTHING 552081.810532
EASTING 1372040.182420	EASTING 1370625.809590		
ELEVATION 292.55	ELEVATION 306.79		
- ALL WHCs & SHCs ARE TWIN UNLESS OTHERWISE NOTED.

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S SIGNATURE: *Mark L. Levy* DATE: 11/10/02

DEVELOPER'S NAME: Mark L. Levy

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER'S SIGNATURE: *R. Jacob Hkwat* DATE: 11/10/02

ENGINEER'S NAME: R. JACOB HIKMAT

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.

Jim Meyer DATE: 11/8/02

USDA - NATURAL RESOURCE CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.

John R. Roberts DATE: 11/9/02

HOWARD SCD

OWNER/DEVELOPER
RTE 175 LLC
C/O ROCK REALTY, INC.
25 MAIN STREET
REISTERSTOWN, MARYLAND 21136
(410) 526-4030

CONTRACT NO. 14-4001-D

NEW COLONY VILLAGE

PHASE 6 - UNITS 288 TO 398

WATER AND SEWER MAIN EXTENSIONS

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

INDEX OF DRAWINGS

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1	TITLE SHEET
2	WATER AND SEWER PLAN
3	SEWER PROFILES
4	SEWER PROFILES
5	SEWER PROFILES
6	WATER PROFILES

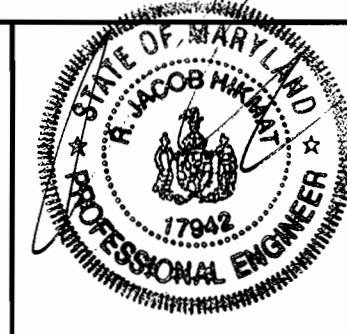
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

John R. Roberts 1-7-02
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

John R. Roberts 11/10/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Fax: (301) 621-5521 Wash. (410) 997-0296 Fax



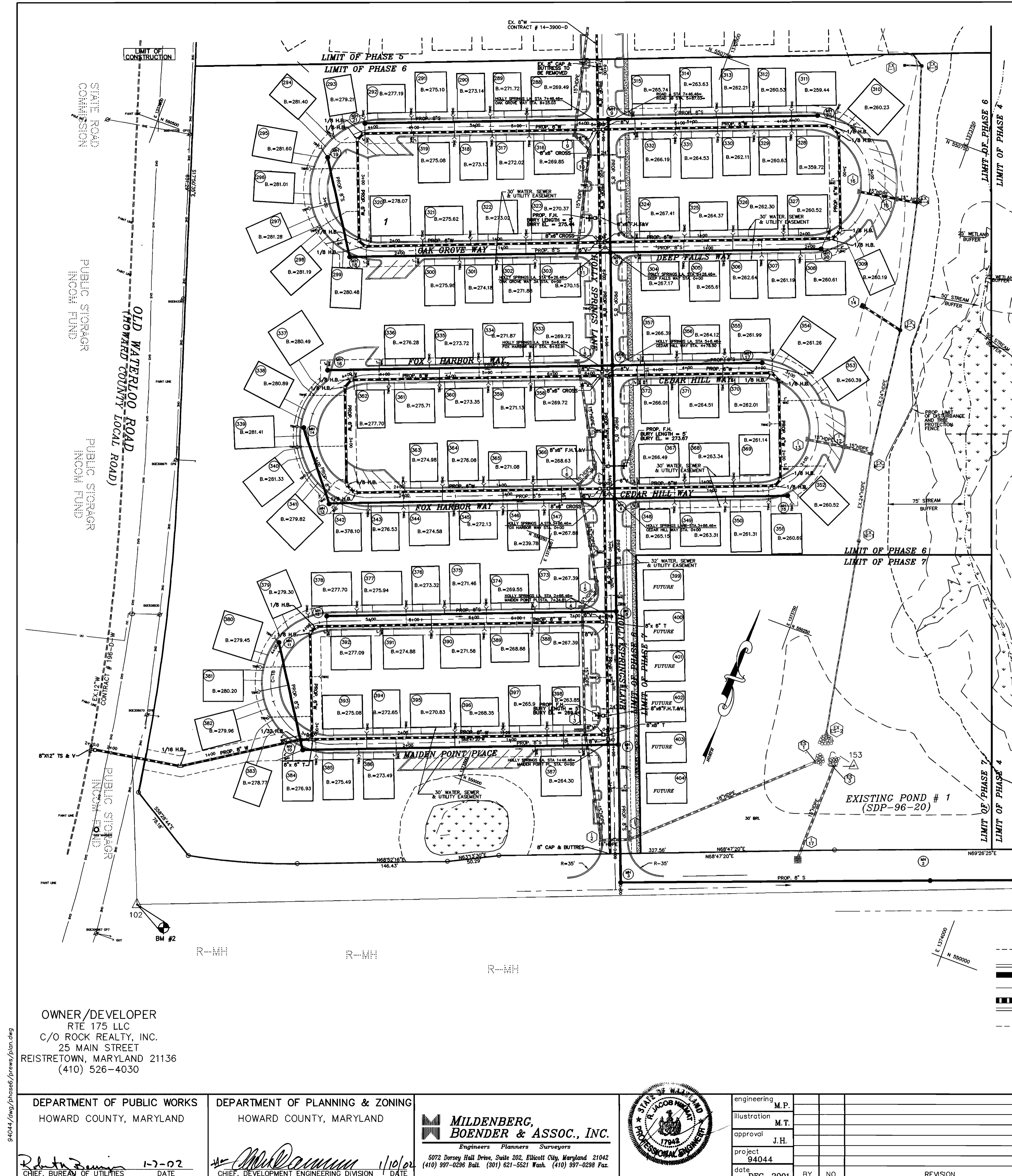
engineering	MP				
illustration	MP/MT				
approval	RJH				
project	94044				
date	Nov. 2001	BY	NO.	REVISION	DATE

TITLE SHEET

600' SCALE MAP NO. 43 BLOCK NO. 3

NEW COLONY VILLAGE
PHASE 6 - UNITS 288 TO 398
CONTRACT NO. 14-4001-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

scale AS SHOWN
1 of 6



MANHOLE LOCATION CHART

MH #	ROAD	CL STATION	OFFSET
1	PORT CAPITAL DRIVE	N 550+13.4	
2	PORT CAPITAL DRIVE	S 50+066.927	
3	PORT CAPITAL DRIVE	E 137+383.895	
4	HOLLY SPRING LANE	1+41.5	5' RT.
5	HOLLY SPRING LANE	2+71.5	5' RT.
6	HOLLY SPRING LANE	3+81.4	5' RT.
7	HOLLY SPRING LANE	5+11.5	5' RT.
8	HOLLY SPRING LANE	6+21.5	5' RT.
9	HOLLY SPRING LANE	7+51.5	5' RT.
10	MAIDEN POINT PLACE	2+38.9	11.5' LT.
11	MAIDEN POINT PLACE	4+07.3	5' LT.
12	MAIDEN POINT PLACE	4+57.7	5' LT.
13	FOX HARBOR WAY	2+65.7	17' LT.
14	FOX HARBOR WAY	3+35.1	5.5' LT.
15	FOX HARBOR WAY	1+70.2	11' RT.
16	FOX HARBOR WAY	3+87.4	16.5' LT.
17	FOX HARBOR WAY	3+27.8	5.3' RT.
18	OAK GROVE WAY	2+44.9	12' LT.
19	OAK GROVE WAY	3+46.4	0' LT.
20	DEEP FALLS WAY	2+09.7	6' RT.
21	OAK GROVE WAY	3+94.0	6.5' LT.
22	DEEP FALLS WAY	3+78.5	6' RT.

WATER MAIN TABULATION CHART

OAK GROVE WAY

ROAD & STA	APPURTENANCE	OFFSET
0+08	6" V	5.0' RT.
2+34.5	1/8 H.B.	3.1' RT.
2+43.1	1/8 H.B.	6.3' RT.
3+81.8	1/8 H.B.	6.3' RT.
3+89.9	1/8 H.B.	2.8' TR.
6+17.03	6" V	5.0' RT.

DEEP FALLS WAY

ROAD & STA	APPURTENANCE	OFFSET
2+22.3	1/8 H.B.	0.8' LT.
2+33.2	1/8 H.B.	3.5' LT.
3+52.9	1/8 H.B.	4.5' LT.
3+65.3	1/8 H.B.	1.0' LT.

WATER MAIN TABULATION CHART

HOLLY SPRING LANE

ROAD & STA	APPURTENANCE	OFFSET
0+35.1	8" C&B	4.8' LT.
1+51.5	8"x8" T	5' LT.
1+51.5	8" V	7' LT.
1+70.0	8"x6" FHT	5' LT.
1+70.0	6" V	7' LT.
1+70.0	F.H.	15' LT.
2+61.5	8"x6" T	5' LT.
2+61.5	6" V	7' LT.
3+91.5	8"x6" C	5' LT.
4+13.4	8"x6" FHT	5' LT.
4+13.4	F.H.	14.5' RT.
4+13.4	6" V	5' LT.
5+01.4	8"x6" C	5' LT.
5+01.4	6" V	7' LT.
6+31.5	8"x6" C	0' LT.
6+31.5	6" V	7' LT.
6+31.5	8"x6" FHT	5' LT.
6+55.5	8"x6" FHT	7' LT.
6+55.5	F.H.	15' LT.
7+41.5	8"x6" C	5' LT.
7+41.5	6" V	7' LT.
7+41.5	6" V	0' LT.

MAIDEN POINT PLACE

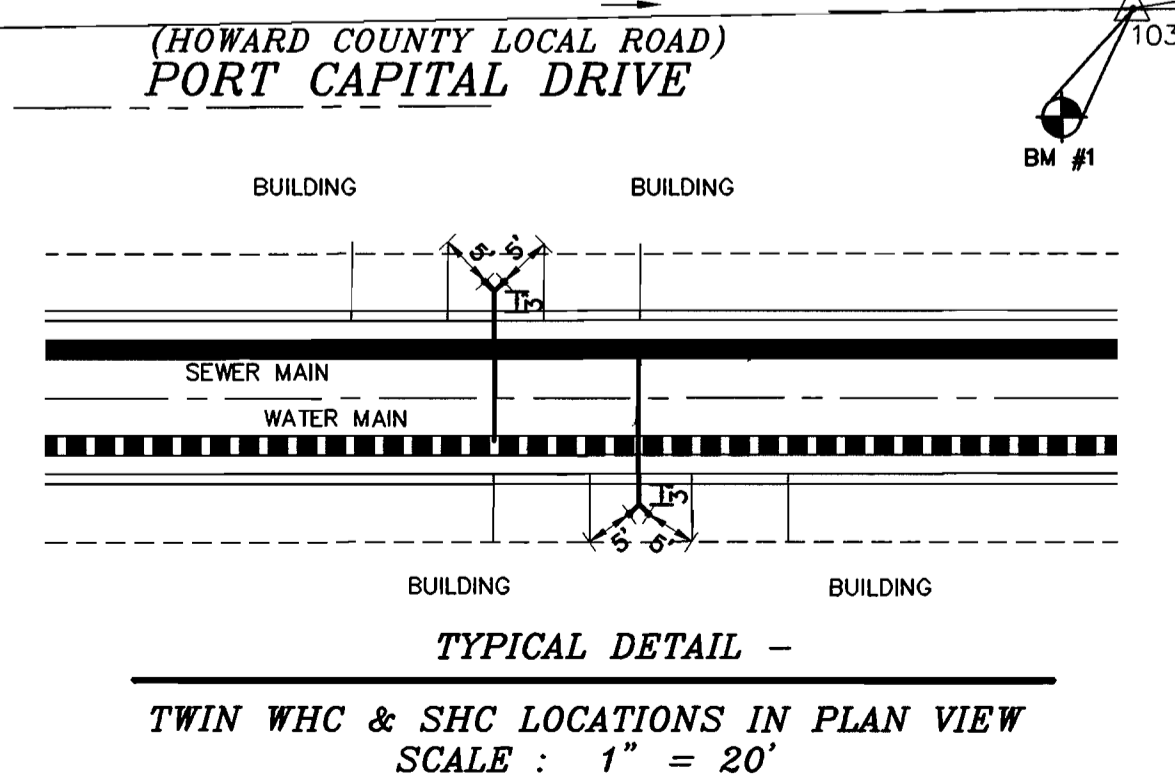
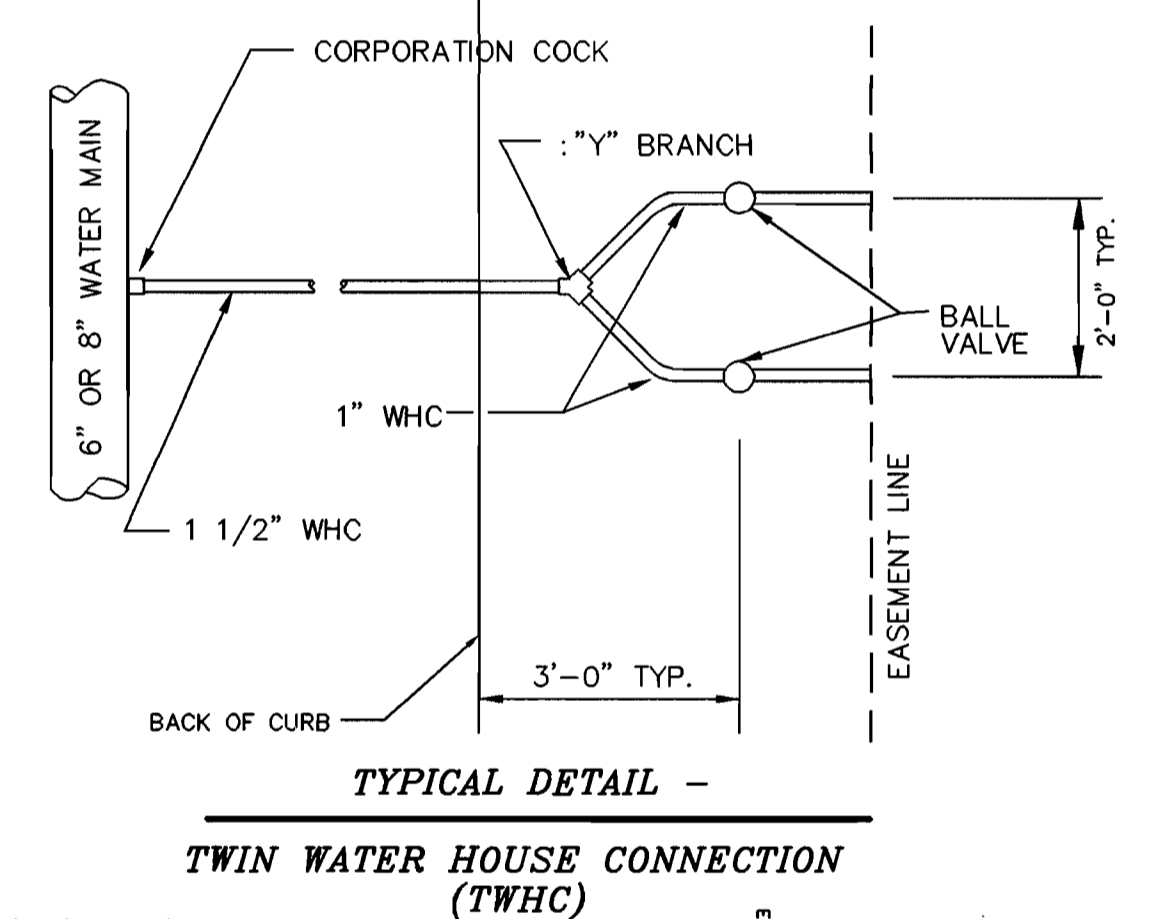
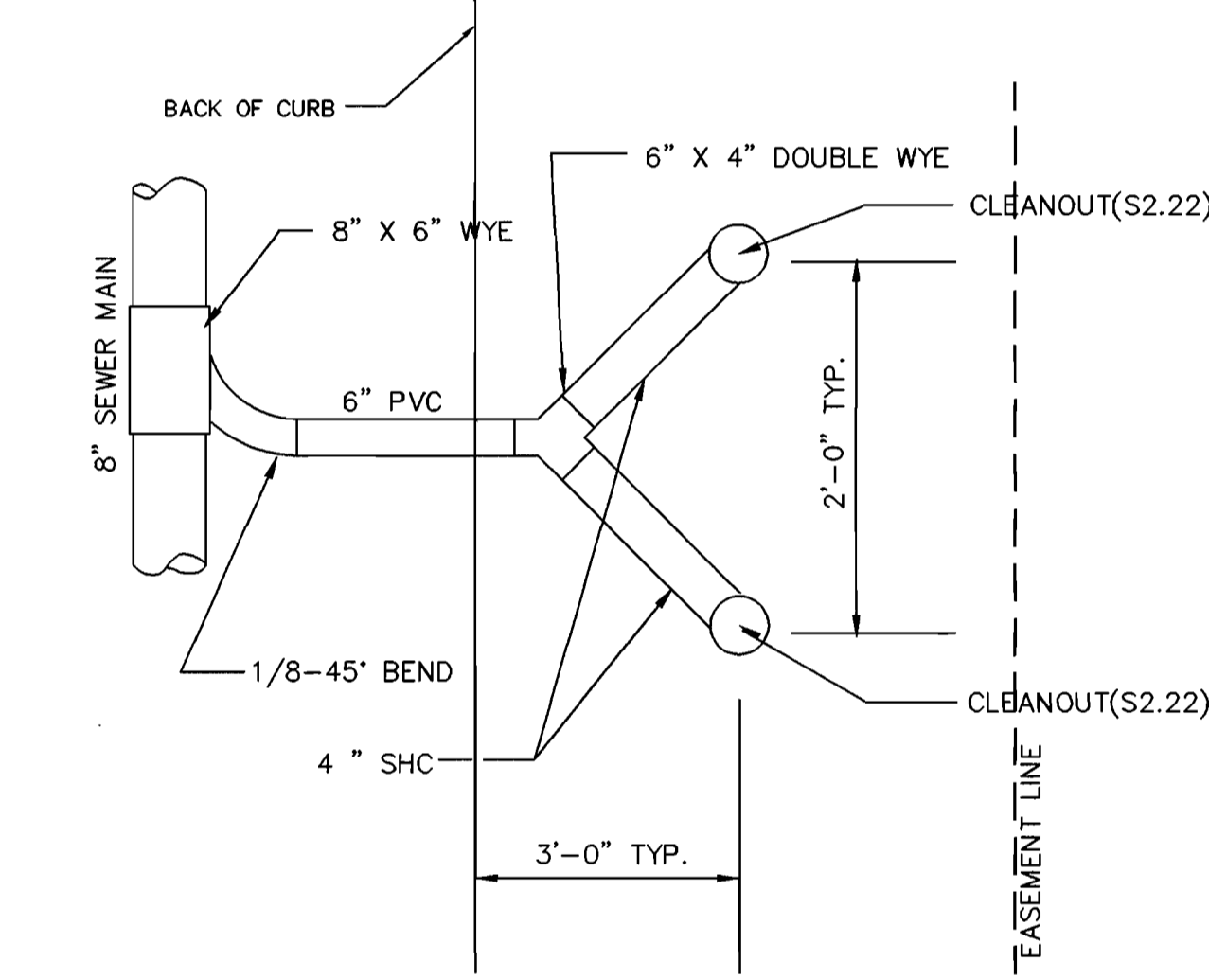
ROAD & STA	APPURTENANCE	OFFSET
0+08	8" V	5.0' LT.
2+94.60	8"x8" TEE	1.3' RT.
4+37.7	1/8 H.B.	6.8' RT.
4+46.0	1/8 H.B.	2.9' RT.
7+26.80	6" V	5.0' RT.

FOX HARBOR WAY

ROAD & STA	APPURTENANCE	OFFSET
0+08.0	6" V	5.0' RT.
2+38.9	1/8 H.B.	2.5' RT.
2+60.0	1/8 H.B.	7.2' RT.
3+92.7	1/8 H.B.	6.6' RT.
4+02.5	1/8 H.B.	2.4' RT.
6+44.89	6" V	5' RT.

CEDAR HILL WAY

ROAD & STA	APPURTENANCE	OFFSET
1+62.5	1/8 H.B.	2.8' LT.
1+70.4	1/8 H.B.	6.7' LT.
3+06.8	1/8 H.B.	8.0' LT.
3+17.7	1/8 H.B.	3.3' LT.



OWNER/DEVELOPER
 RTE 175 LLC
 C/O ROCK REALTY, INC.
 25 MAIN STREET
 REISTRETOWN, MARYLAND 21136
 (410) 526-4030

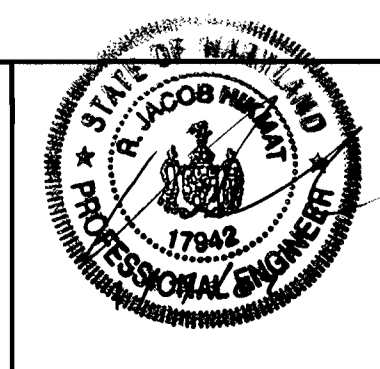
DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

1-7-02
 CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND

1/10/02
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 987-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



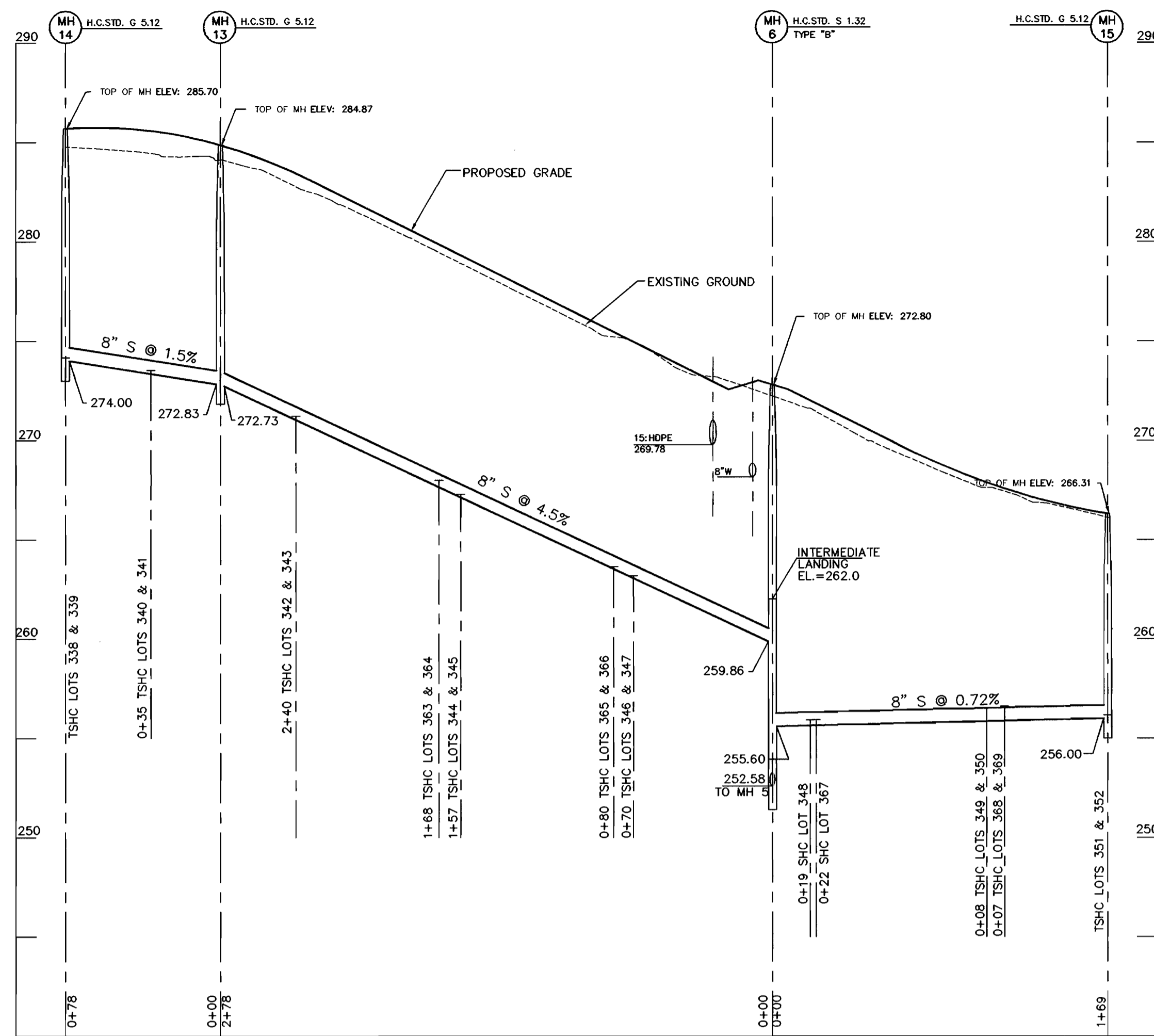
engineering	M.P.				
illustration	M.T.				
approval	J.H.				
project	94044				
date	DEC. 2001	BY	NO.	REVISION	DATE

WATER & SEWER PLAN

600' SCALE MAP NO. 43 BLOCK NO. 3

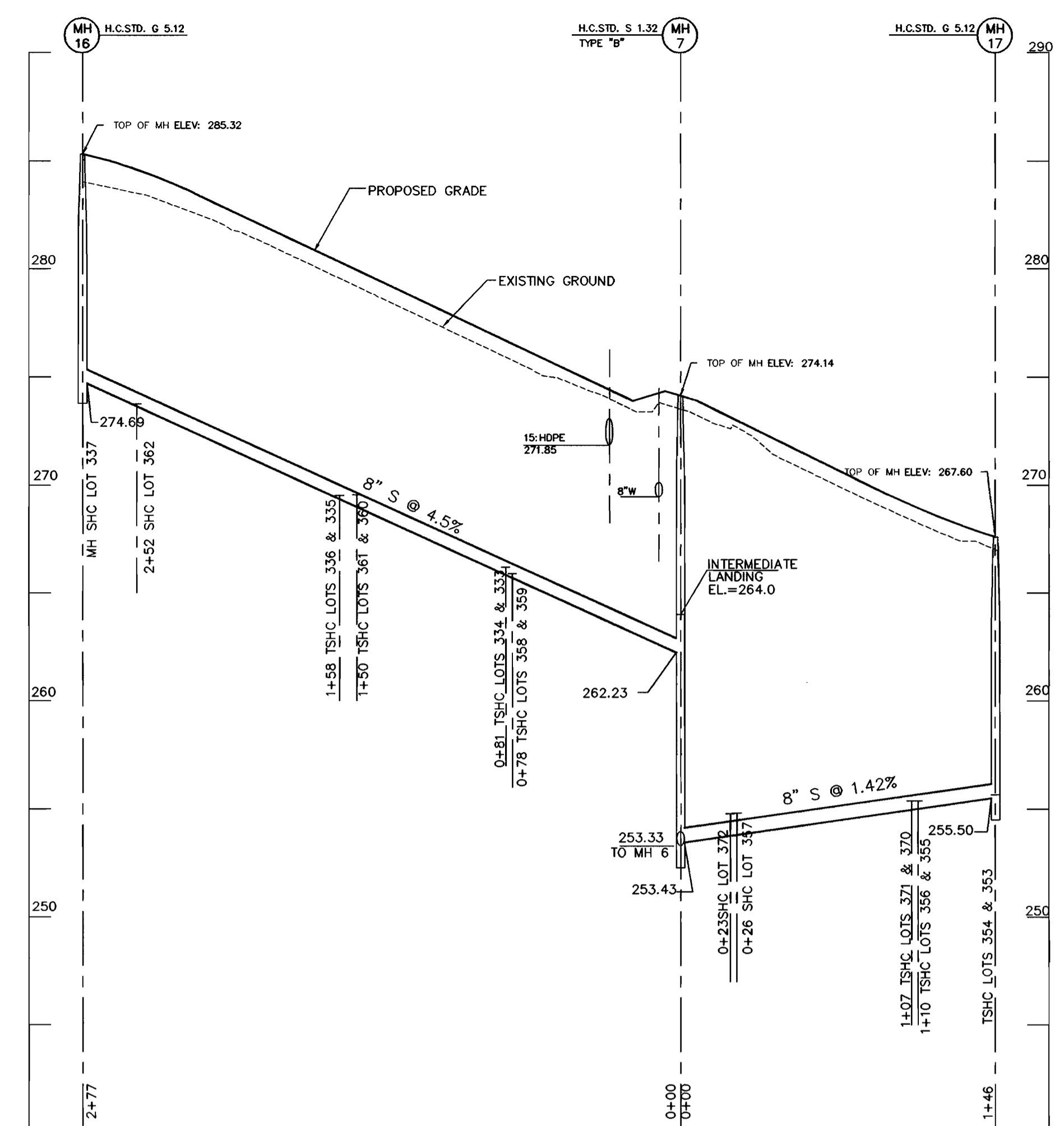
NEW COLONY VILLAGE
 PHASE - 6
 CONTRACT# 14-4001-D
 FIRST ELECTION DISTRICT
 HOWARD COUNTY

scale
 1"=50'
 2 OF 6



8" SEWER PROFILE

HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'



8" SEWER PROFILE

HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'



8" SEWER PROFILE

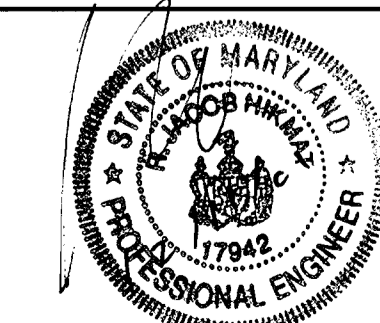
HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'

SEWER HOUSE CONNECTION TABLE					SEWER HOUSE CONNECTION TABLE				
UNIT #	% SLOPE	INV. @ EASE	SERVICABLE ELEV.	TYPE OF CONNECTION	UNIT #	% SLOPE	INV. @ EASE	SERVICABLE ELEV.	TYPE OF CONNECTION
288 & 289	2	265.09	269.49 & 271.72	TSHC	346 & 347	2	263.38	239.78 & 267.88	TSHC
290 & 291	2	267.97	273.14 & 275.10	TSHC	348	2	256.11	265.15	SHC
292 & 293	2	271.37	277.19 & 279.21	MTSHC	349 & 350	2	256.75	263.31 & 261.31	TSHC
294 & 295	2	276.47	281.40 & 281.60	MTSHC	351 & 352	2	256.37	260.69 & 260.52	MTSHC
296 & 297	2	275.81	281.01 & 281.28	TSHC	353 & 354	2	256.67	260.39 & 261.26	MTSHC
298 & 299	2	275.03	281.19 & 280.48	TSHC	355 & 356	2	255.58	261.99 & 264.12	TSHC
300 & 301	2	269.51	275.98 & 274.18	TSHC	357	2	255.01	266.39	SHC
302 & 303	2	266.31	271.88 & 270.15	TSHC	358 & 359	1	266.11	269.72 & 271.13	TSHC
304	2	255.08	267.17	SHC	360 & 361	2	269.55	275.35 & 275.71	TSHC
305 & 306	2	255.68	265.61 & 262.64	TSHC	362	2	274.14	277.70	SHC
307 & 308	2	256.22	261.19 & 260.61	TSHC	363 & 364	2	267.99	274.98 & 276.08	TSHC
309	1	256.42	260.19	MSHC	365 & 366	2	264.03	271.08 & 268.63	TSHC
310	1	256.92	260.23	MSHC	367	2	256.33	266.49	SHC
311 & 312	2	256.40	259.44 & 260.53	TSHC	368 & 369	2	257.01	263.34 & 261.14	TSHC
313 & 314	2	255.96	262.21 & 263.63	TSHC	370 & 371	2	255.79	262.01 & 264.51	TSHC
315	2	255.34	265.74	SHC	372	2	255.19	266.01	SHC
316 & 317	2	265.70	269.85 & 272.02	TSHC	373 & 374	2	263.56	267.39 & 269.55	TSHC
318 & 319	2	268.05	273.13 & 275.08	TSHC	375 & 376	2	267.57	271.46 & 273.32	TSHC
320 & 321	2	271.38	278.07 & 275.62	TSHC	377 & 378	2	271.27	275.94 & 277.70	TSHC
322 & 323	2	266.83	273.02 & 270.37	TSHC	379 & 380	2	274.10	279.30 & 279.45	TSHC
324	2	255.26	267.41	SHC	381 & 382	2	273.82	280.20 & 279.96	TSHC
325 & 326	2	255.95	264.37 & 260.30	TSHC	383 & 384	2	271.15	278.77 & 276.9	TSHC
327	1	256.42	260.52	MTSHC	385 & 386	2	268.18	275.49 & 273.49	TSHC
328 & 329	1	256.47	259.72 & 260.63	TSHC	387	2	260.39	264.30	SHC
330 & 331	2	256.18	262.11 & 264.53	TSHC	388 & 389	1	263.74	267.39 & 268.88	TSHC
332	2	255.57	266.19	SHC	390 & 391	1	268.15	271.58 & 274.88	TSHC
333 & 334	2	266.20	269.72 & 271.87	TSHC	392	2	272.94	277.09	SHC
335 & 336	2	269.71	273.72 & 276.28	TSHC	393 & 394	2	268.02	275.08 & 272.65	TSHC
337	2	275.06	280.49	SHC	395 & 396	2	264.19	270.83 & 268.35	TSHC
338 & 339	2	274.37	280.89 & 281.41	MTSHC	397 & 398	2	260.14	265.90 & 263.85	TSHC
340 & 341	2	273.83	281.33 & 279.82	TSHC	399 & 400	2	252.60	256.30	TSHC
342 & 343	2	271.23	278.10 & 276.53	TSHC	401 & 402	2	252.13	255.83	TSHC
344 & 345	2	267.30	274.58 & 272.13	TSHC	403 & 404	2	251.63	255.33	TSHC

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
1-7-92
DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND
1/10/02
DATE

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Fax (301) 621-5521 Wash. (410) 997-0288 Fax

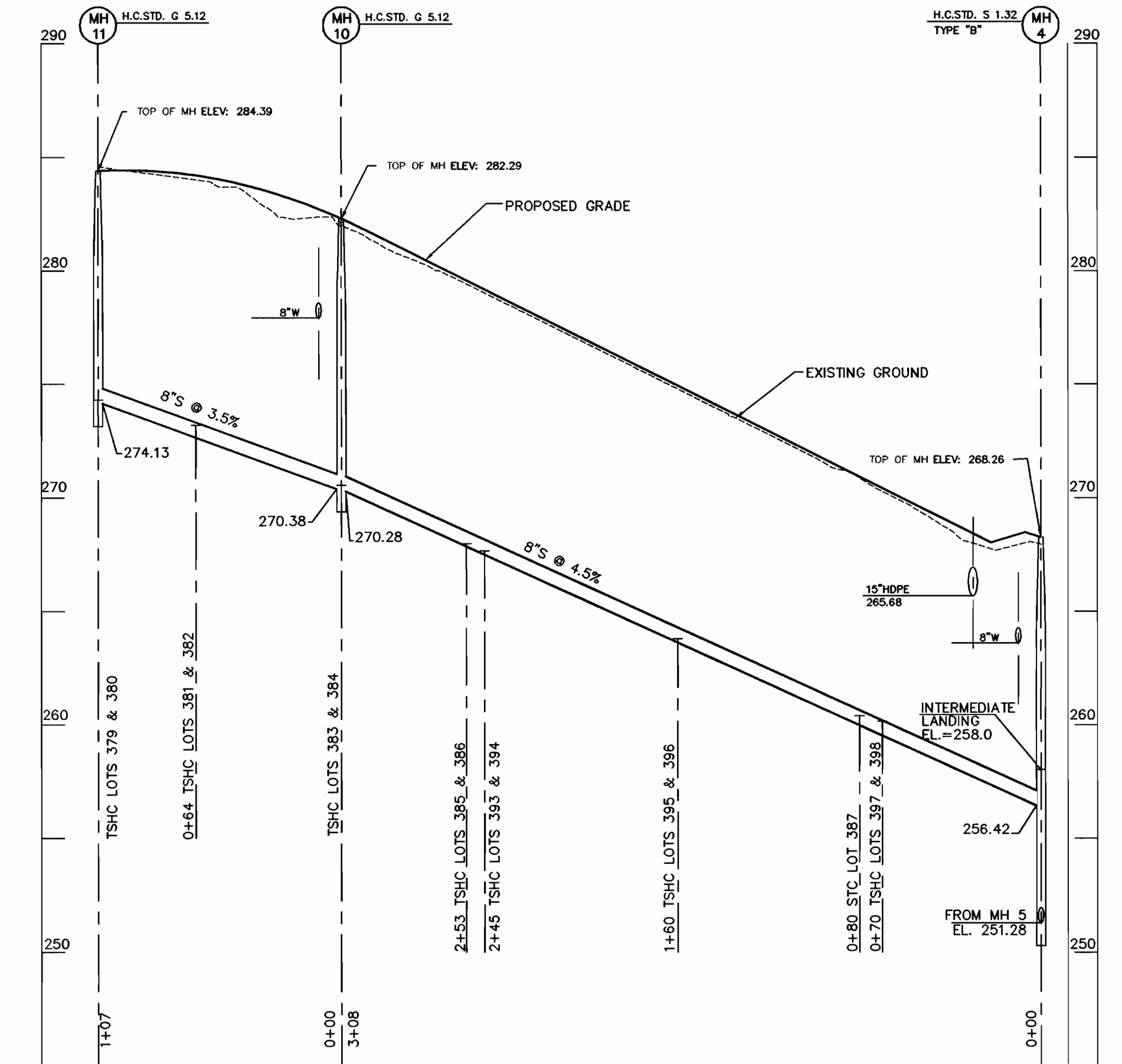
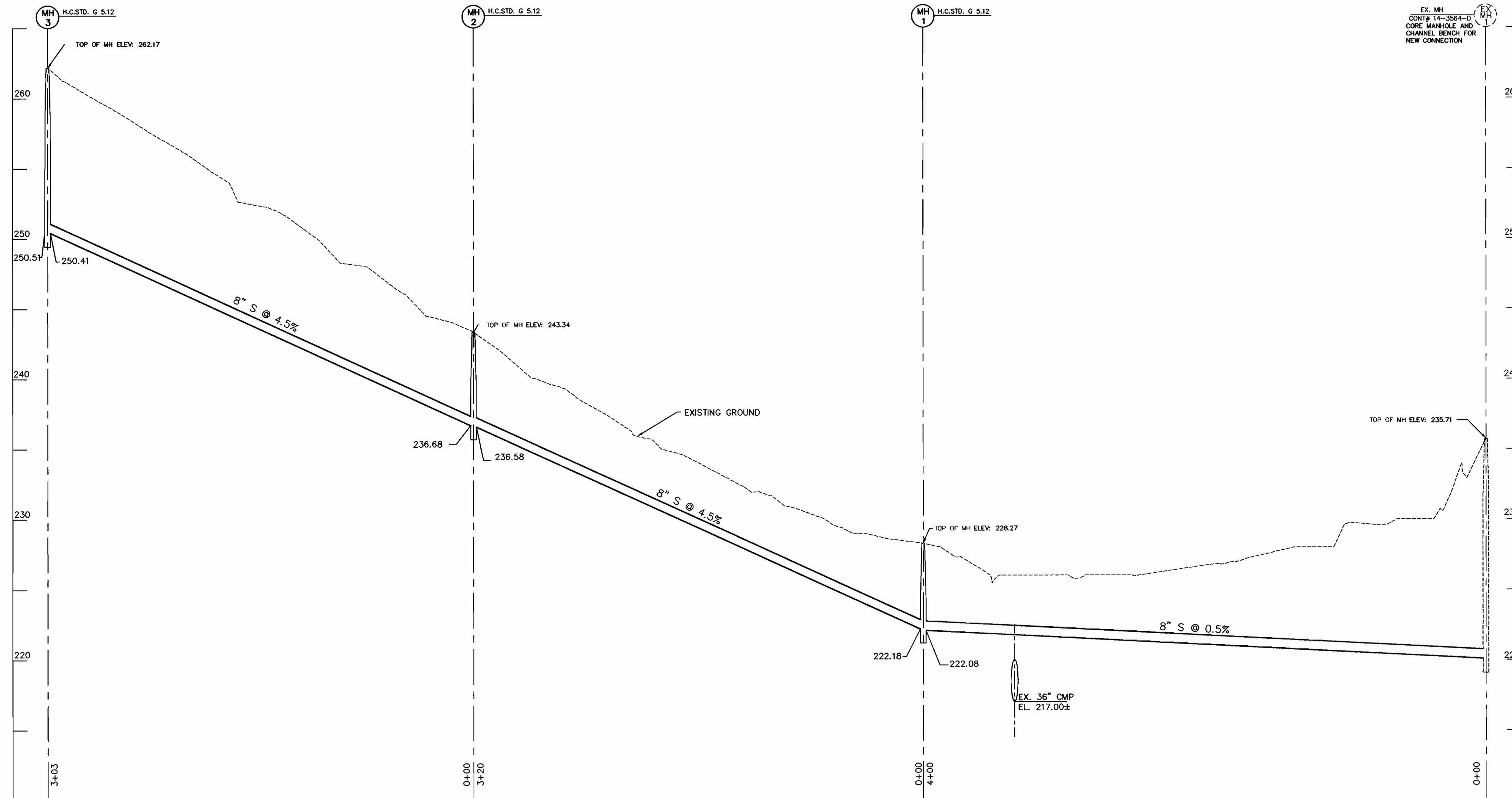


engineering M.P.
illustration M.T.
approval J.H.
project 94044
date DEC. 2001

SEWER PROFILE
600' SCALE MAP NO. 43 BLOCK NO. 3

NEW COLONY VILLAGE
PHASE - 6
CONTRACT# 14-4001-D
FIRST ELECTION DISTRICT
HOWARD COUNTY

scale 1"=50'
3 OF 6



8" SEWER PROFILE
HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'

8" SEWER PROFILE
HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'

94044.dwg/phase6/prew/plan.dwg

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

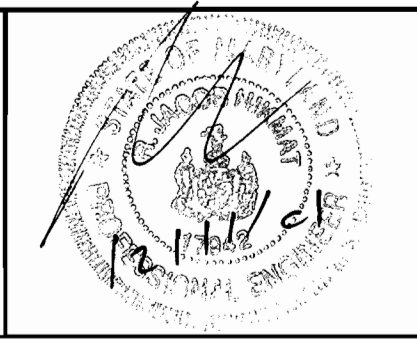
Robert Benner 1-7-02
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

Michael R. ... 1/10/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**MILDENBERG,
BOENDER & ASSOC., INC.**
Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



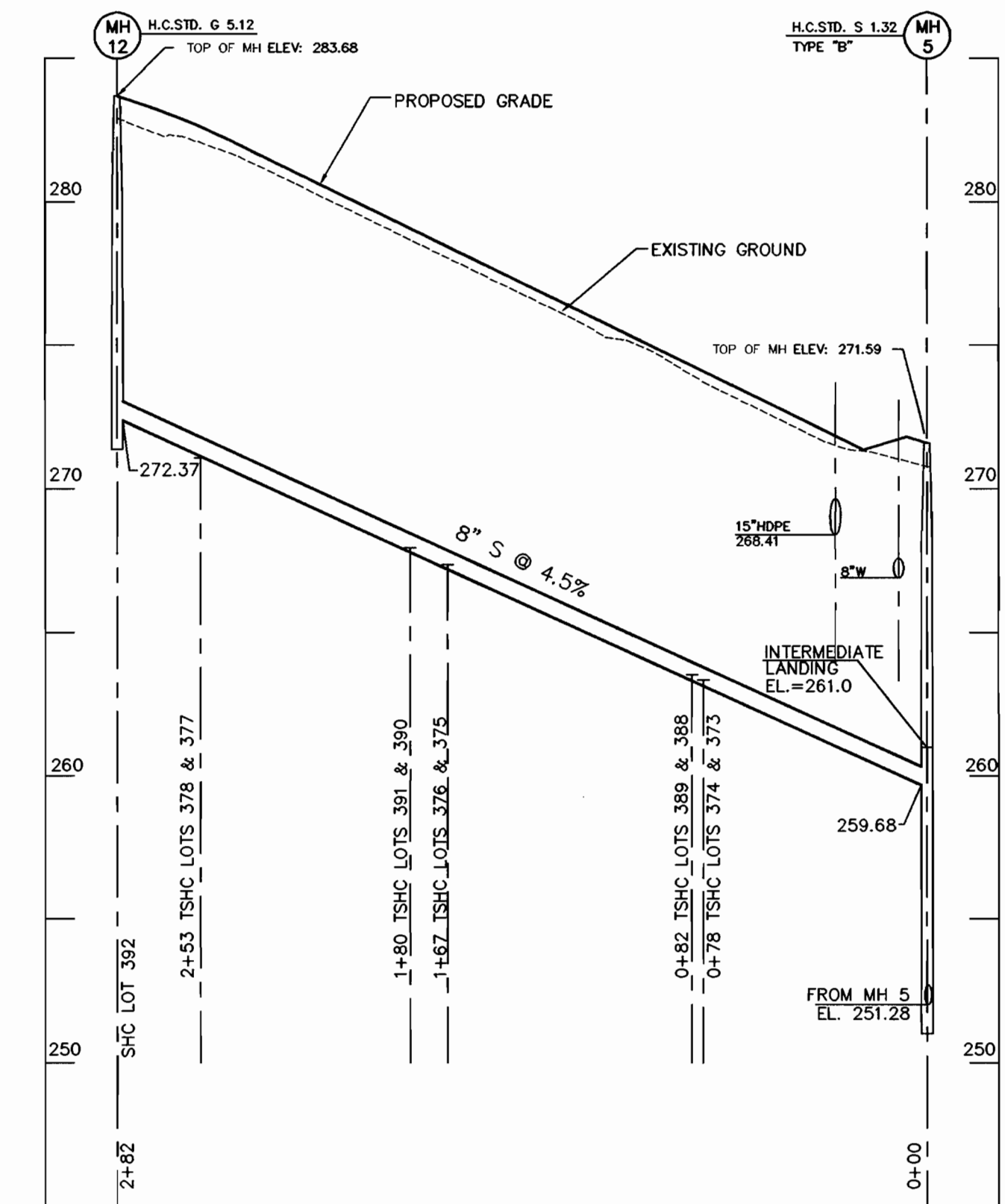
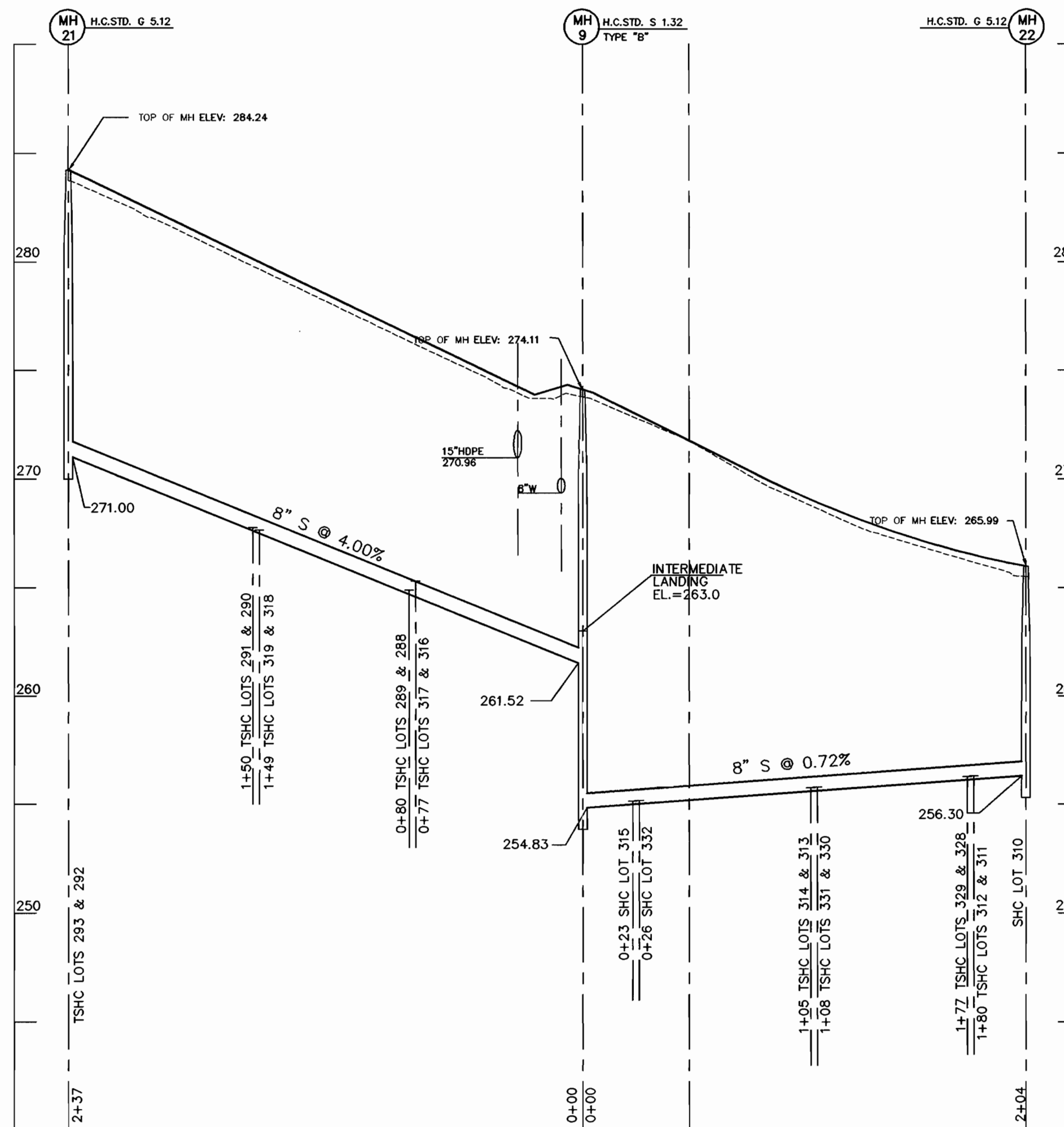
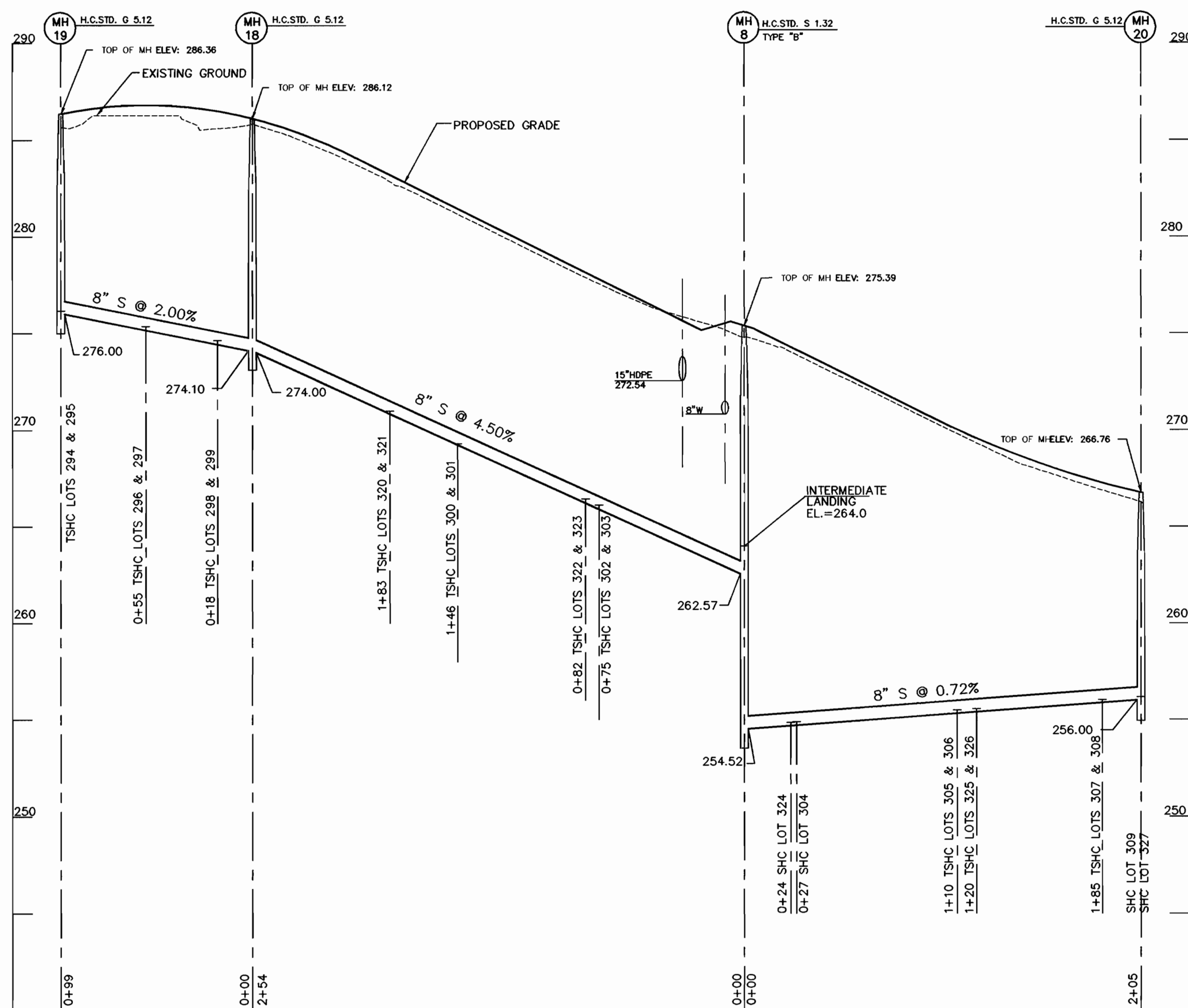
engineering	M.P.				
illustration	M.T.				
approval	J.H.				
project	94044				
date	DEC.2001	BY	NO.	REVISION	DATE

SEWER PROFILE

600' SCALE MAP NO. 43 BLOCK NO. 3

NEW COLONY VILLAGE
PHASE - 6
CONTRACT# 14-4001-D
FIRST ELECTION DISTRICT
HOWARD COUNTY

scale
1" = 50'
4 OF 6



8" SEWER PROFILE

HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'

8" SEWER PROFILE

HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'

8" SEWER PROFILE

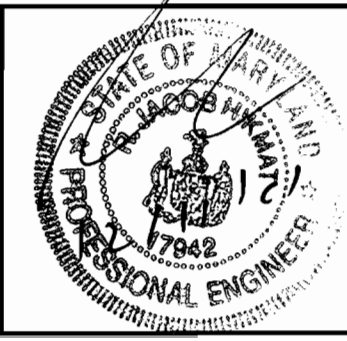
HORIZONTAL SCALE : 1" = 50'
VERTICAL SCALE : 1" = 5'

94044.rwg/phase6/press/plan.dwg

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

**MILDENBERG,
BOENDER & ASSOC., INC.**
Engineers Planners Surveyors



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SEWER
PROFILE

600' SCALE MAP NO. 43 BLOCK NO. 3

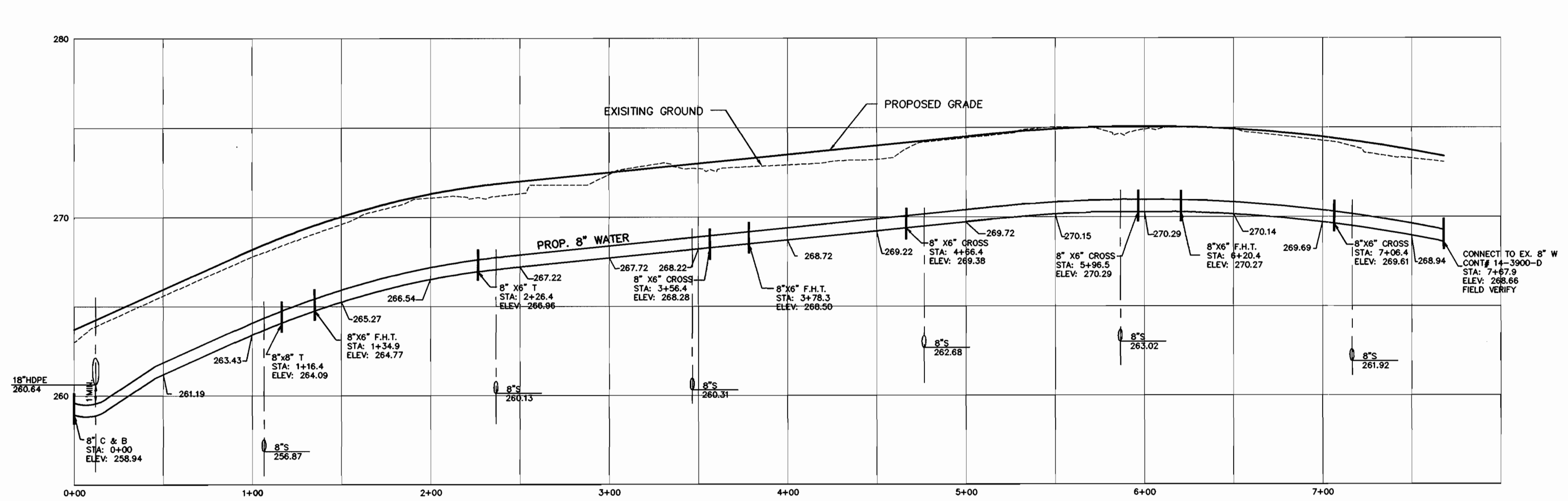
NEW COLONY VILLAGE
PHASE - 6
CONTRACT# 14-4001-D
FIRST ELECTION DISTRICT
HOWARD COUNTY

scale
1" = 50'

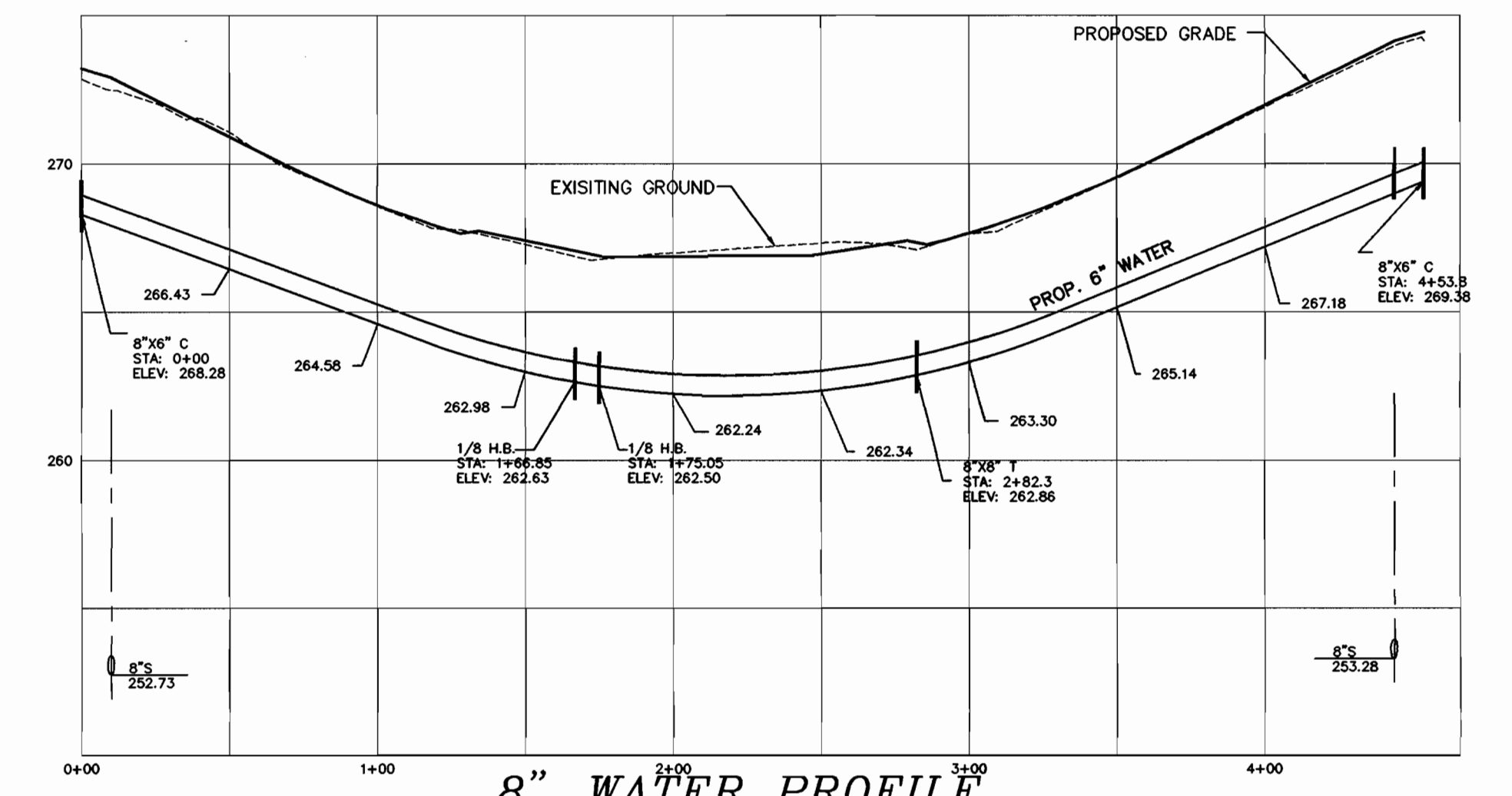
Robert B. Smith
CHIEF, BUREAU OF UTILITIES
1-7-02
DATE

Chris P. ...
CHIEF, DEVELOPMENT ENGINEERING DIVISION
1/10/02
DATE

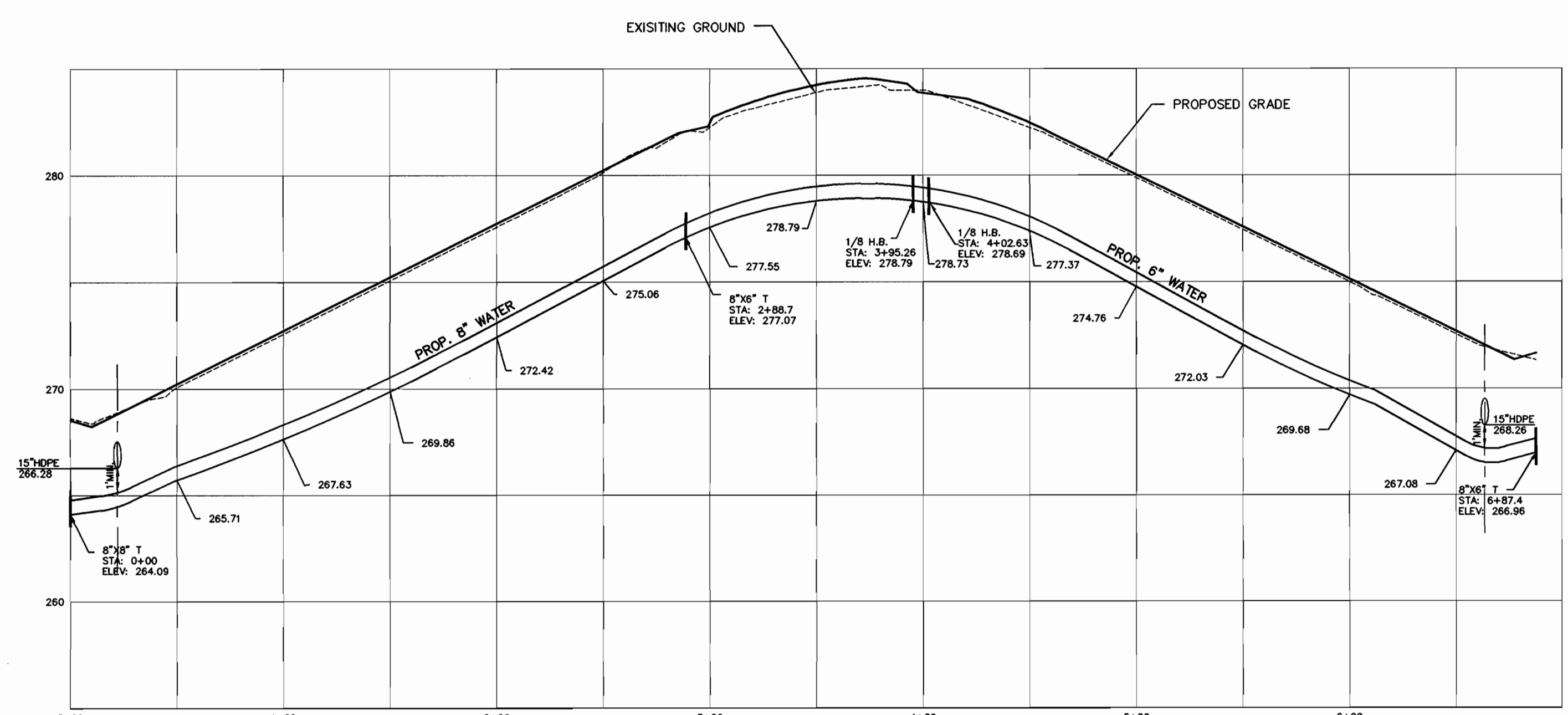
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
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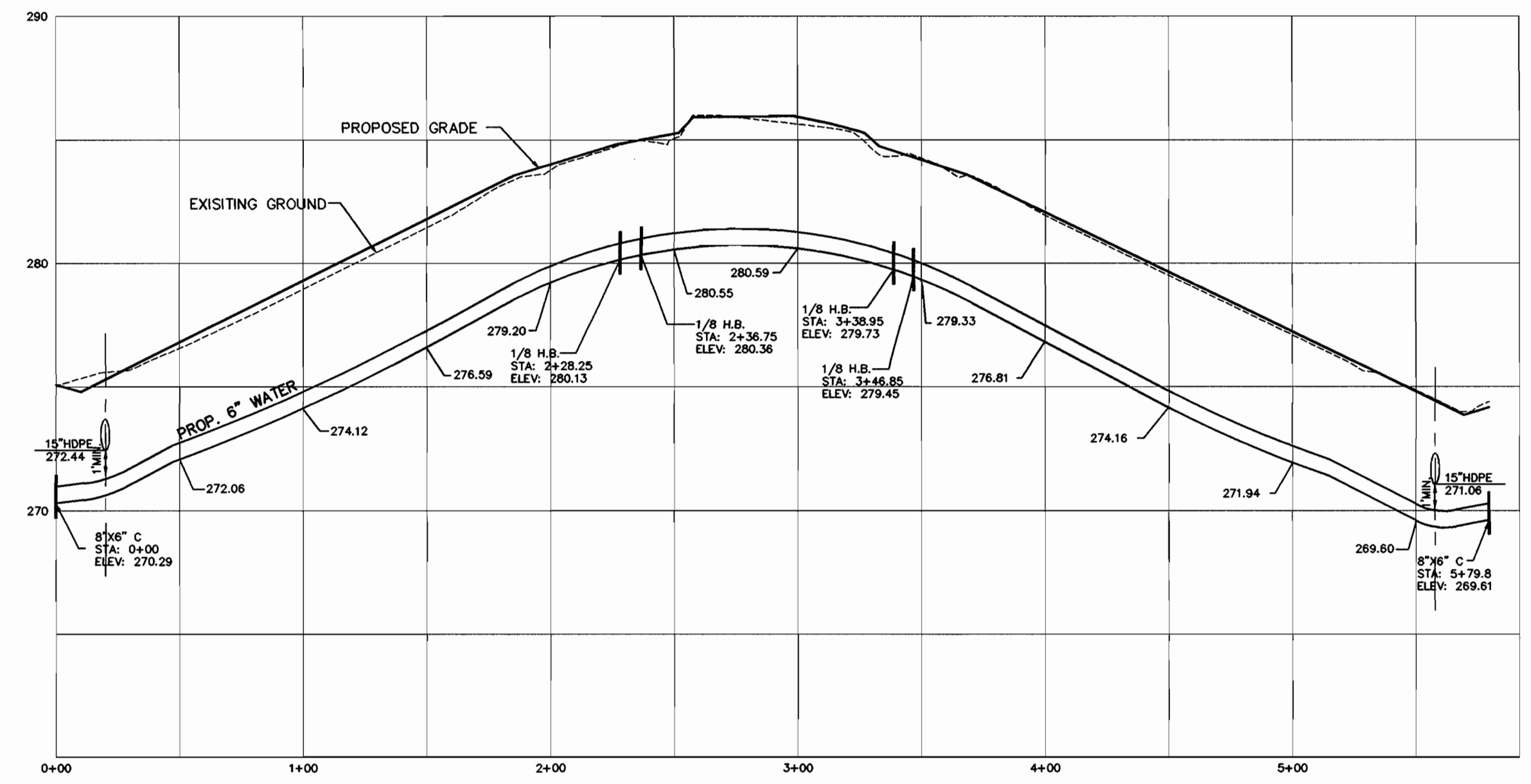
8" WATER PROFILE
HOLLY SPRING LANE
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'



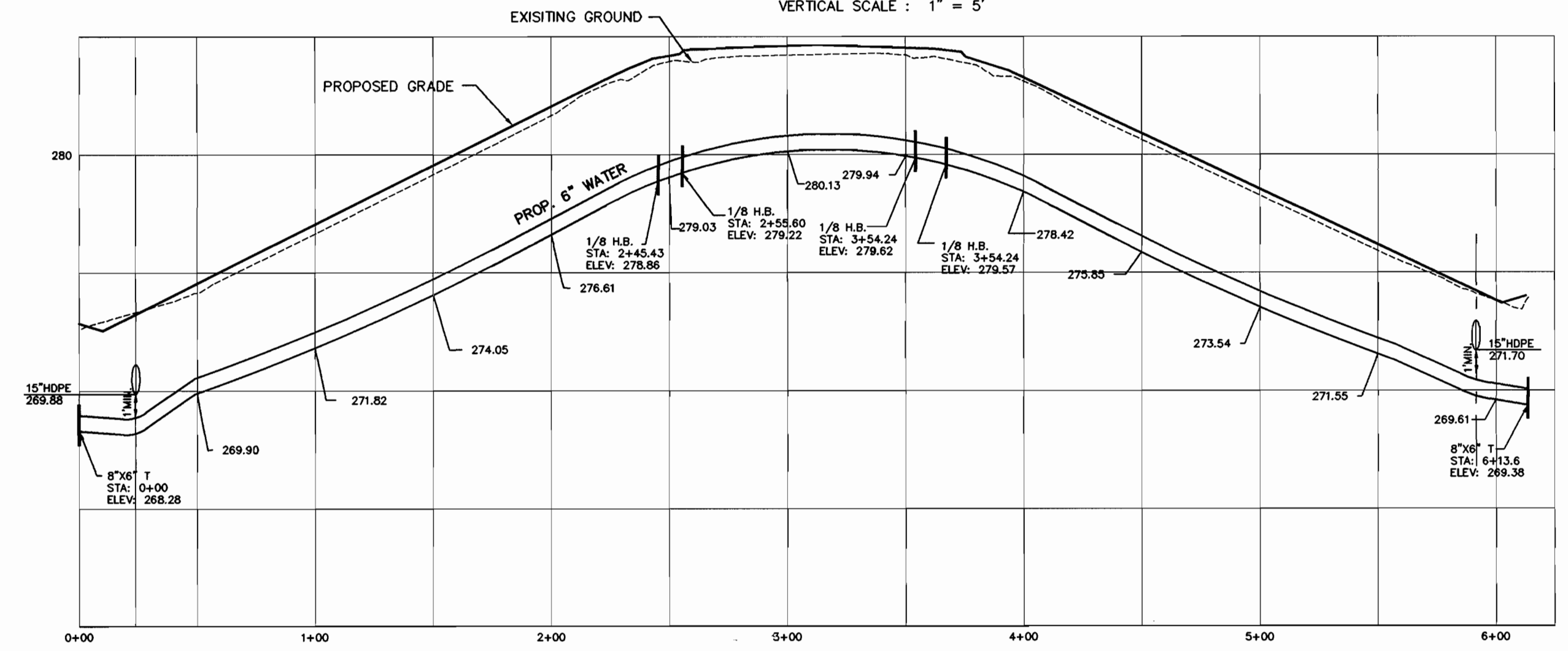
8" WATER PROFILE
CEDAR HILL WAY
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'



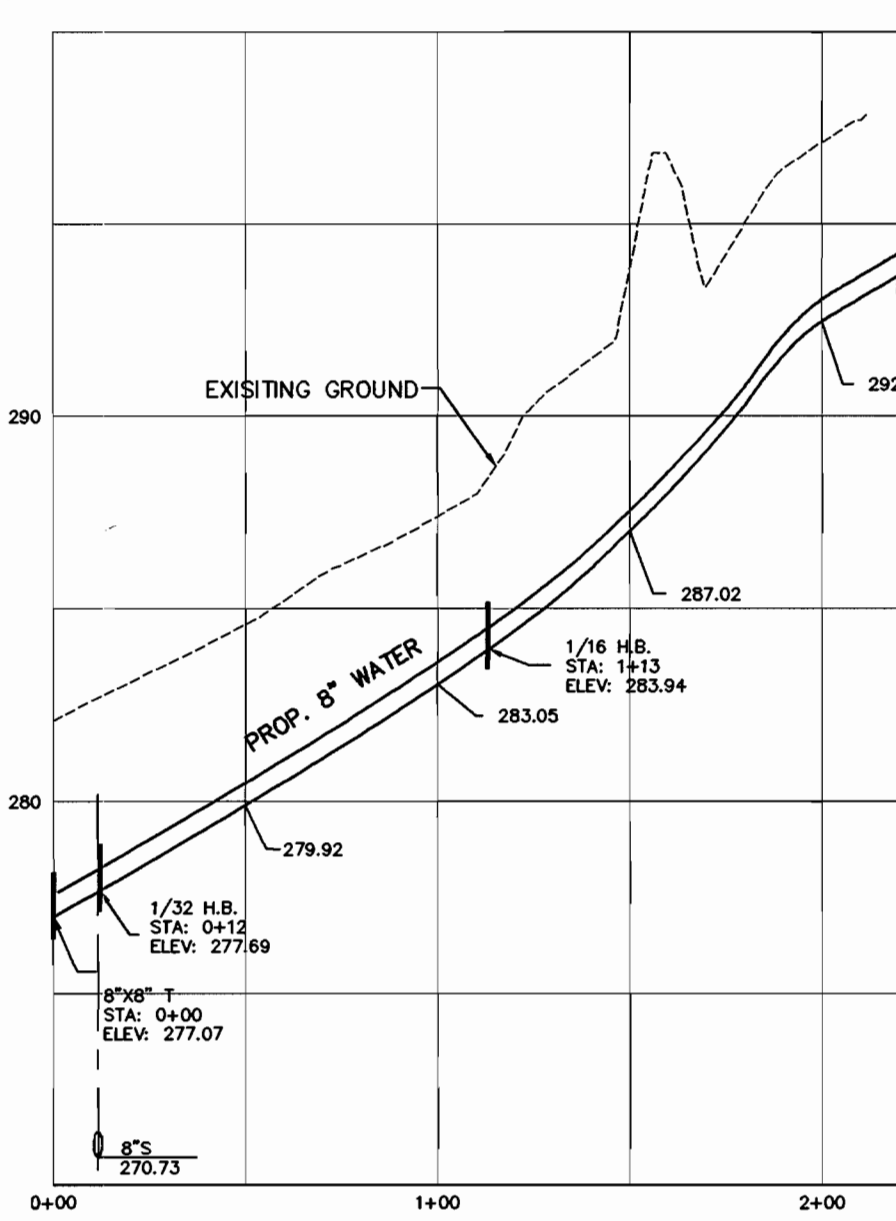
8" WATER PROFILE
MAIDEN POINT PLACE
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'



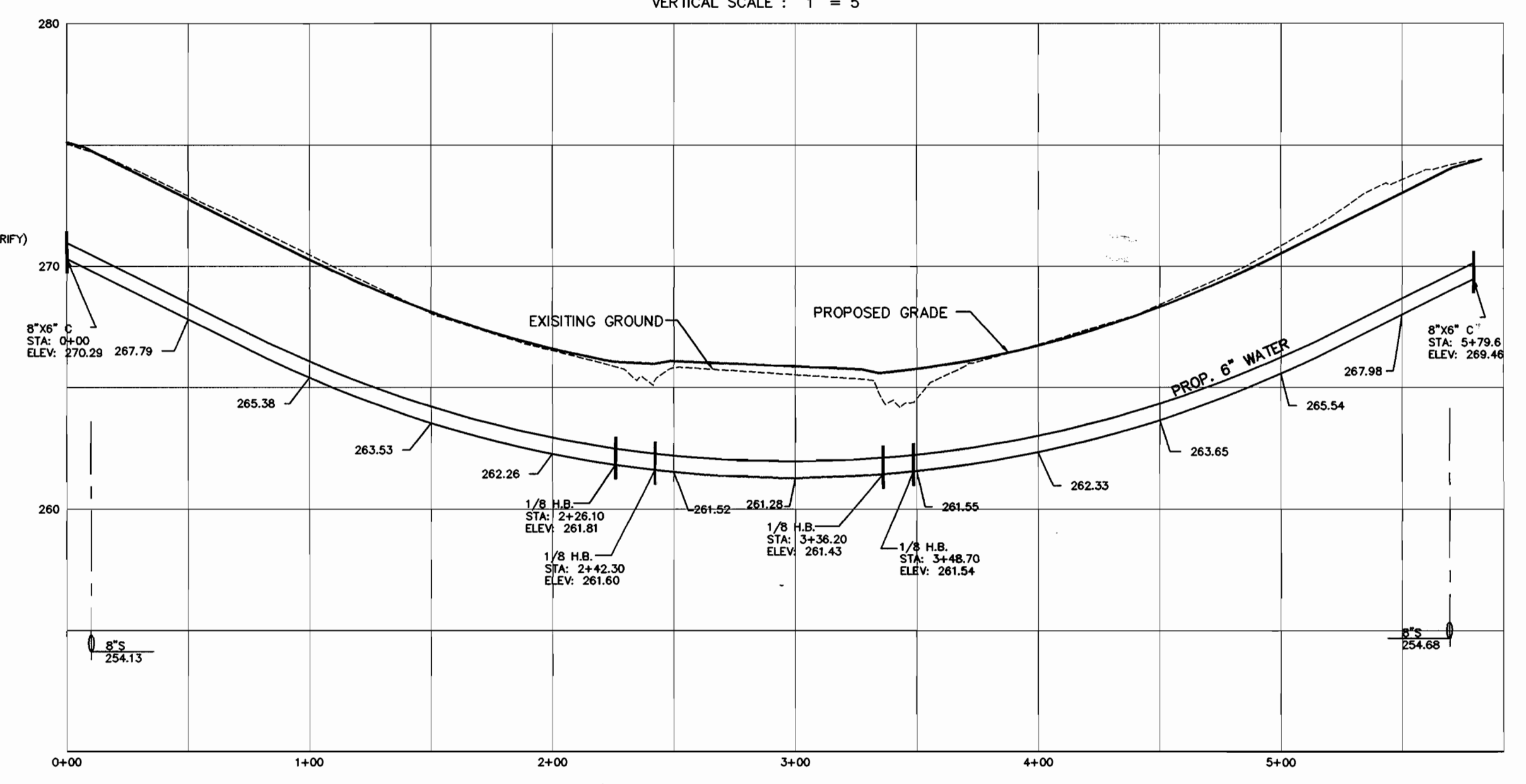
8" WATER PROFILE
OAK GROVE WAY
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'



8" WATER PROFILE
FOX HARBOR WAY
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'



8" WATER PROFILE
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'



8" WATER PROFILE
DEEP FALLS WAY
 HORIZONTAL SCALE : 1" = 50'
 VERTICAL SCALE : 1" = 5'

94044.rwg/phases6/prews/plan.dwg

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Chief, Bureau of Utilities
 1-7-02

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND
 Chief, Development Engineering Division
 1/10/02

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
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WATER PROFILE
 600' SCALE MAP NO. 43 BLOCK NO. 3

NEW COLONY VILLAGE
 PHASE - 6
 CONTRACT# 14-4001-D
 FIRST ELECTION DISTRICT
 HOWARD COUNTY

scale
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6 OF 6